

Dietmar Schranz

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

2,333
citations

218381

26
h-index

223531

46
g-index

84
all docs

84
docs citations

84
times ranked

2194
citing authors

#	ARTICLE	IF	CITATIONS
1	2019 updated consensus statement on the diagnosis and treatment of pediatric pulmonary hypertension: The European Pediatric Pulmonary Vascular Disease Network (EPPVDN), endorsed by AEPC, ESPR and ISHLT. <i>Journal of Heart and Lung Transplantation</i> , 2019, 38, 879-901.	0.3	266
2	Transcatheter Tricuspid Valve-in-Valve Implantation for the Treatment of Dysfunctional Surgical Bioprosthetic Valves. <i>Circulation</i> , 2016, 133, 1582-1593.	1.6	169
3	Bioabsorbable metal stents for percutaneous treatment of critical recoarctation of the aorta in a newborn. <i>Catheterization and Cardiovascular Interventions</i> , 2006, 67, 671-673.	0.7	168
4	Current Therapy for Hypoplastic Left Heart Syndrome and Related Single Ventricle Lesions. <i>Circulation</i> , 2016, 134, 1265-1279.	1.6	153
5	Hybrid Transcatheterâ€“Surgical Palliation. <i>Pediatric Cardiology</i> , 2007, 28, 79-87.	0.6	138
6	Fifteen-year Single Center Experience with the â€œGiessen Hybridâ€ Approach for Hypoplastic Left Heart and Variants: Current Strategies and Outcomes. <i>Pediatric Cardiology</i> , 2015, 36, 365-373.	0.6	134
7	Executive summary. Expert consensus statement on the diagnosis and treatment of paediatric pulmonary hypertension. The European Paediatric Pulmonary Vascular Disease Network, endorsed by ISHLT and DGPK. <i>Heart</i> , 2016, 102, ii86-ii100.	1.2	89
8	Stent implantation in the ductus arteriosus for pulmonary blood supply in congenital heart disease. <i>Catheterization and Cardiovascular Interventions</i> , 2004, 61, 242-252.	0.7	88
9	Pulmonary artery banding in infants and young children with left ventricular dilated cardiomyopathy: A novel therapeutic strategy before heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2013, 32, 475-481.	0.3	76
10	Stent Implantation of the Arterial Duct in Newborns with a Truly Ductâ€“Dependent Pulmonary Circulation: A Singleâ€“Center Experience with Emphasis on Aspects of the Interventional Technique. <i>Journal of Interventional Cardiology</i> , 2010, 23, 581-588.	0.5	69
11	Treatment of pulmonary arterial hypertension in children. <i>Nature Reviews Cardiology</i> , 2015, 12, 244-254.	6.1	50
12	Guidelines for the management of neonates and infants with hypoplastic left heart syndrome: The European Association for Cardio-Thoracic Surgery (EACTS) and the Association for European Paediatric and Congenital Cardiology (AEPC) Hypoplastic Left Heart Syndrome Guidelines Task Force. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 58, 416-499.	0.6	48
13	Creation of a functional Potts shunt by stenting the persistent arterial duct in newborns and infants with suprasystemic pulmonary hypertension of various etiologies. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, 542-546.	0.3	43
14	Pulmonary Artery Banding for Functional Regeneration of End-Stage Dilated Cardiomyopathy in Young Children. <i>Circulation</i> , 2018, 137, 1410-1412.	1.6	43
15	â€œNihilismâ€ of chronic heart failure therapy in children and why effective therapy is withheld. <i>European Journal of Pediatrics</i> , 2016, 175, 445-455.	1.3	39
16	Beneficial Effects of Residual Right Ventricular Outflow Tract Obstruction on Right Ventricular Volume and Function in Patients After Repair of Tetralogy of Fallot. <i>Pediatric Cardiology</i> , 2013, 34, 424-430.	0.6	36
17	Single Nuclei Sequencing Reveals Novel Insights Into the Regulation of Cellular Signatures in Children With Dilated Cardiomyopathy. <i>Circulation</i> , 2021, 143, 1704-1719.	1.6	36
18	Impact of residual right ventricular outflow tract obstruction on biventricular strain and synchrony in patients after repair of tetralogy of Fallot: a cardiac magnetic resonance feature tracking study. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 48, 83-90.	0.6	33

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19	Focal myocardial fibrosis assessed by late gadolinium enhancement cardiovascular magnetic resonance in children and adolescents with dilated cardiomyopathy. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, 34.	1.6	32
20	Reduction of brain volumes after neonatal cardiopulmonary bypass surgery in single-ventricle congenital heart disease before Fontan completion. <i>Pediatric Research</i> , 2018, 83, 63-70.	1.1	32
21	Implantation of stents to ensure an adequate interatrial communication in patients with hypoplastic left heart syndrome. <i>Cardiology in the Young</i> , 2007, 17, 535-540.	0.4	29
22	Assessment of Pulmonary Endothelial Function During Invasive Testing in Children and Adolescents With Idiopathic Pulmonary Arterial Hypertension. <i>Journal of the American College of Cardiology</i> , 2012, 60, 157-164.	1.2	29
23	Pressure overload leads to an increase of cardiac resident stem cells. <i>Basic Research in Cardiology</i> , 2012, 107, 252.	2.5	28
24	Potts Shunt and Atrial Septostomy in Pulmonary Hypertension Caused by Left Ventricular Disease. <i>Annals of Thoracic Surgery</i> , 2013, 96, 317-319.	0.7	28
25	Hypoplastic Left Heart Stage I. <i>Circulation</i> , 2020, 142, 1402-1404.	1.6	28
26	Axillary artery access for cardiac interventions in newborns. <i>Annals of Pediatric Cardiology</i> , 2008, 1, 126.	0.2	28
27	Stenting the neonatal arterial duct. <i>Expert Review of Cardiovascular Therapy</i> , 2007, 5, 893-901.	0.6	27
28	“End-stage” heart failure therapy: potential lessons from congenital heart disease: from pulmonary artery banding and interatrial communication to parallel circulation. <i>Heart</i> , 2017, 103, 262-267.	1.2	26
29	Advances in interventional and hybrid therapy in neonatal congenital heart disease. <i>Seminars in Fetal and Neonatal Medicine</i> , 2013, 18, 311-321.	1.1	23
30	Transcatheter creation of a reverse Potts shunt in a patient with severe pulmonary arterial hypertension associated with Moyamoya syndrome. <i>EuroIntervention</i> , 2015, 11, 121-121.	1.4	22
31	Pulmonary artery banding for idiopathic dilative cardiomyopathy: A novel therapeutic strategy using an old surgical procedure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 134, 796-797.	0.4	19
32	Potts Shunt to Be Preferred Above Atrial Septostomy in Pediatric Pulmonary Arterial Hypertension Patients: A Modeling Study. <i>Frontiers in Physiology</i> , 2018, 9, 1252.	1.3	19
33	Ventricular function and vascular dimensions after Norwood and hybrid palliation of hypoplastic left heart syndrome. <i>Heart</i> , 2018, 104, 244-252.	1.2	17
34	Superior caval venous syndrome after atrial switch procedure: relief of complete venous obstruction by gradual angioplasty and placement of stents. <i>Cardiology in the Young</i> , 1998, 8, 443-448.	0.4	16
35	Red blood cell alloimmunization in neonates and children up to 3 years of age. <i>Transfusion</i> , 2017, 57, 2720-2726.	0.8	16
36	Creation of a restrictive atrial communication in heart failure with preserved and mid-range ejection fraction: effective palliation of left atrial hypertension and pulmonary congestion. <i>Clinical Research in Cardiology</i> , 2018, 107, 845-857.	1.5	16

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37	Large-diameter graft-stent (Advanta V12) implantation in various locations: early results. <i>Cardiology in the Young</i> , 2011, 21, 66-73.	0.4	14
38	Heart Rate Variability is Related to Disease Severity in Children and Young Adults with Pulmonary Hypertension. <i>Frontiers in Pediatrics</i> , 2015, 3, 63.	0.9	14
39	Fate of the Stented Arterial Duct. <i>Circulation</i> , 2000, 102, E178.	1.6	12
40	Prenatal diagnosis of functionally univentricular heart, associations and perinatal outcomes. <i>Prenatal Diagnosis</i> , 2016, 36, 545-554.	1.1	12
41	Novel catheter-interventional strategy for intracardiac connecting of total anomalous pulmonary venous return in newborns with hypoplastic left heart-syndrome prior to hybrid approach. <i>Catheterization and Cardiovascular Interventions</i> , 2013, 82, 00-00.	0.7	10
42	Right ventricular failure from severe pulmonary hypertension after surgery for shone complex: Back to fetal physiology with reducing, atrioseptectomy, and bilateral pulmonary arterial banding. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, e226-e228.	0.4	10
43	Interrelationship Between Hemodynamics, Brain Volumes, and Outcome in Hypoplastic Left Heart Syndrome. <i>Annals of Thoracic Surgery</i> , 2019, 107, 1838-1844.	0.7	10
44	Radixin Relocalization and Nonmuscle α -Actinin Expression Are Features of Remodeling Cardiomyocytes in Adult Patients with Dilated Cardiomyopathy. <i>Disease Markers</i> , 2020, 2020, 1-14.	0.6	10
45	Hypoplastic Left Heart: Stage-I Will be Performed Interventionally, Soon. <i>Pediatric Cardiology</i> , 2021, 42, 727-735.	0.6	9
46	Percutaneous Fetal Cardiac Catheterization Technique for Stenting the Foramen Ovale in a Midgestation Lamb Model. <i>Circulation: Cardiovascular Interventions</i> , 2015, 8, e001967.	1.4	8
47	Transapical valve-in-valve implantation to treat a regurgitant mitral bioprosthesis in a child with failing Fontan circulation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 150, e23-e25.	0.4	8
48	Restrictive atrial communication in right and left heart failure. <i>Translational Pediatrics</i> , 2019, 8, 133-139.	0.5	8
49	Short-term decrease of left atrial size predicts clinical outcome in patients with severe aortic stenosis undergoing TAVR. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, E341-E347.	0.7	8
50	Two patients with the heterozygous R189H mutation in <i>ACTA2</i> and Complex congenital heart defects expands the cardiac phenotype of multisystemic smooth muscle dysfunction syndrome. <i>American Journal of Medical Genetics, Part A</i> , 2017, 173, 959-965.	0.7	7
51	Reduced Biventricular Volumes and Myocardial Dysfunction Long-term After Pediatric Heart Transplantation Assessed by CMR. <i>Transplantation</i> , 2019, 103, 2682-2691.	0.5	7
52	Cardiovascular Drug Therapy during Interstage After Hybrid Approach: A Single-Center Experience in 51 Newborns with Hypoplastic Left Heart. <i>Paediatric Drugs</i> , 2021, 23, 195-202.	1.3	7
53	Upgraded heart failure therapy leads to an improved outcome of dilated cardiomyopathy in infants and toddlers. <i>Cardiology in the Young</i> , 2015, 25, 1300-1305.	0.4	6
54	Transcatheter Closure of Perimembranous Ventricular Septal Defects with Left Ventricular to Right Atrial Shunt. <i>Pediatric Cardiology</i> , 2015, 36, 1386-1392.	0.6	6

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55	Balloon Dilatation of the Pulmonary Valve in a 690-gm Neonate With Tetralogy of Fallot. <i>Journal of Perinatology</i> , 1999, 19, 305-306.	0.9	5
56	Impact of Right Ventricular Pressure Load After Repair of Tetralogy of Fallot. <i>Journal of the American Heart Association</i> , 2022, 11, e022694.	1.6	5
57	Smaller brain volumes at two years of age in patients with hypoplastic left heart syndrome - Impact of surgical approach. <i>International Journal of Cardiology</i> , 2019, 291, 42-44.	0.8	4
58	Heart failure therapy based on interventricular mechanics and cardio-vascular communications. <i>Cardiovascular Diagnosis and Therapy</i> , 2021, 11, 1080-1088.	0.7	4
59	Hemodynamic and prognostic impact of the diastolic pulmonary arterial pressure in children with pulmonary arterial hypertension—a registry-based analysis. <i>Cardiovascular Diagnosis and Therapy</i> , 2021, 11, 1037-1047.	0.7	4
60	Percutaneous pulmonary valve implantation for treatment of a severe bovine pulmonary stenosis in a child with isolated dextrocardia, ccTGA after double switch repair. <i>Clinical Research in Cardiology</i> , 2009, 98, 199-200.	1.5	3
61	Surgical-Interventional Hybrid Concept in a Newborn With Borderline Left Heart. <i>Annals of Thoracic Surgery</i> , 2017, 104, e71-e73.	0.7	3
62	Sildenafil-Bosentan Drug-Drug Interaction: A Word of Caution Regarding the Most Common Combination Therapy in Children with Advanced Pulmonary Arterial Hypertension. <i>Respiration</i> , 2018, 96, 302-302.	1.2	3
63	Hybrid approach to hypoplastic left heart syndrome. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, e335.	0.4	3
64	Axillary artery access for stenting of aortic coarctation in a 1.2 kg premature newborn with malignant systemic hypertension: a case report. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytaa554.	0.3	3
65	Major cardiac surgery induces an increase in sex steroids in prepubertal children. <i>Steroids</i> , 2014, 81, 57-63.	0.8	2
66	Potts shunt for pulmonary hypertension: the interventionist's interest in imaging. <i>Heart</i> , 2016, 102, 1699-1700.	1.2	2
67	Perinatal outcomes of congenital heart disease after emergent neonatal cardiac procedures. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2018, 31, 2709-2716.	0.7	2
68	Pharmacological Chronic Heart Failure Therapy in Children. <i>Focus on Differentiated Medical Drug Support. Cardiology and Cardiovascular Medicine</i> , 2020, 04, .	0.1	2
69	Magnetic resonance imaging of an aortopulmonary window type three, with aortic atresia and interrupted aortic arch type B. <i>Cardiology in the Young</i> , 2012, 22, 204-205.	0.4	1
70	Pharmacological Heart Failure Therapy in Children: Focus on Inotropic Support. <i>Handbook of Experimental Pharmacology</i> , 2019, 261, 177-192.	0.9	1
71	Successful Management of an Infant with Atypical Presentation of Alveolar Capillary Dysplasia with Misalignment of the Pulmonary Veins. <i>Journal of Pediatric Intensive Care</i> , 2021, 10, 228-231.	0.4	1
72	Hemodynamics under General Anesthesia in Glenn/Fontan Circulation?. <i>Pediatric Cardiology</i> , 2021, 42, 465-466.	0.6	1

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73	COVID-19 in children: acute endotheliopathy, but forgotten prostacyclin replacement?. Cardiology in the Young, 2021, , 1-2.	0.4	1
74	A word on netting of angiotensin-converting enzyme inhibitor therapy in hypoplastic left heart syndrome following stage-I. Cardiology in the Young, 2021, 31, 1323-1326.	0.4	1
75	Reverse Potts Shunt for Pulmonary Hypertension. Journal of the American College of Cardiology, 2021, 78, 478-480.	1.2	1
76	Life-threatening PPHN refractory to NO: therapeutic algorithm. European Journal of Pediatrics, 2021, , 1.	1.3	1
77	Hybrid Approach in Hypoplastic Left Heart Syndrome (HLHS). , 2021, , 819-840.		1
78	Transcatheter closure of a perimembranous ventricular septal defect in isolated dextrocardia. Clinical Research in Cardiology, 2007, 96, 907-908.	1.5	0
79	Comments to: Aristotle Score for "Hybrid Procedure". Pediatric Cardiology, 2015, 36, 456-456.	0.6	0
80	Everolimus treatment of a fetal intracardiac rhabdomyoma not associated with the tuberous sclerosis complex: a case report. Case Reports in Perinatal Medicine, 2017, 6, .	0.1	0
81	Treating the Right Ventricle Directly in Pulmonary Hypertension. , 2021, , 367-382.		0
82	Please not again: Recommendations after five negative cases!. Catheterization and Cardiovascular Interventions, 2022, 99, .	0.7	0
83	Univentricular (hypoplastic left heart syndrome) palliation: perioperative care. European Journal of Cardio-thoracic Surgery, 0, , .	0.6	0